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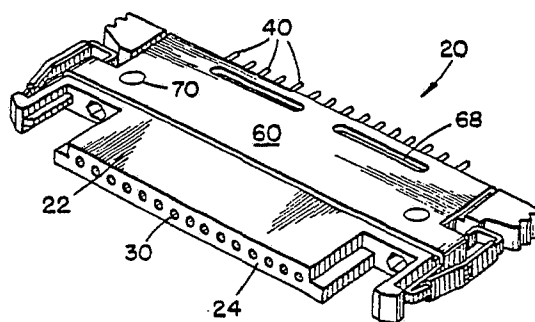
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Connector assembly.

A connector assembly in which a housing (22) has a plurality of side-by-side mutually isolated bores (28) which extend between an entry aperture (30) in a front wall (24) and an aft end (26). Each bore (28) contains an elongated contact (32) which has a hollow pin receiving end (34) adjacent the aperture in the front wall and a wire receiving barrel (38) at its opposite end subject to a crimping action for engagement with an associated wire lead (40). A resilient grommet seal (56) mounted at the aft end (26) of the housing (22) has a plurality of side-by-side openings (58) therein aligned with the bores (28) in the housing (22) for sealingly engaging the wire ends (40). A dielectric spacer (74) within each bore (28) serves to assure high surface resistivity between contacts (32) positioned in adjacent bores (28).

FIG. 1.



EP 0 280 973 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	EP-A-0 028 947 (BENDIX) * figures 3,4,9,10; page 6, line 26 - page 7, line 15; page 10, lines 20-33 * ---	1-10,14 ,15	H 01 R 13/426 H 01 R 13/52 H 01 R 13/502
X	US-A-4 241 967 (G.T. COLLINS) * figure 1; column 2, lines 33-66 * ---	1,3-10, 12-14, 16-18	
X	EP-A-0 069 615 (BENDIX) * figure 3; page 4, line 17 - page 5, line 9 * ---	1-10,12 -14,16- 18	
A	WO-A-8 606 883 (AMP) * figures 1-4B; claims 1-9 * ---	1-18	
A	US-A-3 213 406 (A. JUST et al.) * figures 1,2; column 2, line 57 - column 4, line 2 * ---	1-3,5, 10	
A,D	US-A-2 903 668 (E. S. CORNELL) * whole document * ---	1-5,8- 10,12, 14,16- 18	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A,D	US-A-3 456 232 (H.P. DUPRE) * whole document * -----	1-5,8- 10,12, 14,16- 18	H 01 R 13/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 12-12-1989	Examiner HAHN G
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			